

ABSTRACT OF THE DISCLOSURE

A light source section for emitting light intended to be irradiated onto a photographic film that is serving as an original to be read is formed from a total of five types of LED, namely, the LEDs 72R and 74R for emitting light in the R wavelength region, the LEDs 76G and 78G for emitting light in the G wavelength region, and the LED 80B for emitting light in the B wavelength region arranged in one row for each type of LED and packed densely together on an aluminum substrate. The emission spectrums of each of the LEDs 72R, 74R, 76G, 78G, and 80B are different from each other. The film type is then detected and the turning on and off and the emission intensity of each LED are controlled so that the spectral characteristics of light emitted from the light source section in accordance with an LED emission pattern determined on the basis of the spectral absorption characteristics of the film match the spectral characteristics of reading light suitable for reading the film.